



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.2910

Job Sheet 190731



SPLIT

Part No: 646.2910

Part Name: Deflector



Part Weight: 0 lbs

Job Created: 2/14/19

Due Date: 3/22/19

Type: Stock *SOLD*

Note: DWG 646.2900 REV:N/C IPP REV A 18.05.01 RQ VERIFIED BY DD

Ship Via:

Job Qty: 16 pcs

DAS
46
9-89

Status: New

Priority: Medium

Job Tracking No:

Created By: Marie Lajeunesse

Description: SIOP

**see w/o*
190731-A
x12
x4

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	16 pcs		3/22/19	0.00	0.03	Bandsaw - 1		<i>DIP 19-03-11</i>
110	HAAS 4 Axis - B4B	16 pcs		3/22/19	0.15	10.67	HAAS - 1 - B4B		
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
120	QC 2	16 pcs		3/22/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		



Container No: S160938



Part: 646.2910

Job No: 190731

Serial No/Batch: S160938

Revision: N/C

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/10/19

130 QC 8	16 pcs	3/22/19	0.00 0.00	QC 2 - 57					
				QC 2 - 62					
				QC 2 - 63					
				QC 2 - 8	D.A 19-03-11				
				QC 2 - 66					
				QC 2 - 64					
				QC 8 - 12					
				QC 8 - 14	M/19/03/27				
				QC 8 - 17					
				QC 8 - 20					
				QC 8 - 25					
				QC 8 - 3					
				QC 8 - 32					
				QC 8 - 33					
				QC 8 - 35					
				QC 8 - 39					
				140 Outsource - 4 - Anodize	16 pcs	3/22/19	0.00 0.00	QC 8 - 4	
QC 8 - 44									
QC 8 - 45									
QC 8 - 49									
QC 8 - 58									
QC 8 - 8									
QC 8 - 9									
QC 8 - 68									
QC 8 - 67									
QC 8 - 1 (A)									
QC 8 - 47									
ATG001-VC	8	04/24/2019 PL							
150 Packaging 2-1 - Receive - B4B	16 pcs 4 pcs	3/22/19	0.00 0.00					Packaging 2 - 1 - B4B	
								Packaging 2 - 2 - B4B	
								Packaging 2 - 3 - B4B	
								Packaging 2 - 5 - B4B	
								Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B					
				Packaging 2 - 7 - B4B					
				Packaging 2 - 8 - B4B					
				Packaging 2 - 9 - B4B					
				Packaging 2 - 10 - B4B					
				Packaging 2 - 11 - B4B					
				Packaging 2 - 12 - B4B					
				Packaging 2 - 13 - B4B					
				Packaging 2 - 14 - B4B					
				Packaging 2 - 15 - B4B					
				Packaging 2 - 16 - B4B					
				Packaging 2 - 17 - B4B					
				Packaging 2 - 18 - B4B					
				Packaging 2 - 19 - B4B					
				Packaging 2 - 20 - B4B					
				Packaging 2 - 21 -					
				Plex 2/14/19 7:36 AM Dart.lajeunesse.mari					

				B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
155	QC 6	16 pcs	3/22/19	0.00 0.00	QC 6 - 42
					QC 6 - 9
					QC 6 - 68
					QC 6 - 61
180	Packaging 3-1 - Stock - B4B	16 pcs	3/22/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B

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				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	16 pcs	3/22/19	0.00 0.00	QC 21 - SA - 21	DAC
				QC 21 - SA - 70	21
				QC 21 - SA - 53	9-28

Part Op 100 - (Bandsaw) 42.600" long
 Descriptions: 110 - (HAAS CNC Vertical Machine)
 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check)
 140 - (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : #16043283 Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C
 150 - (Receive & Inspect for Damage & Mat'l Certs)
 155 - (QC6- All purchased or subcontracted products)
 180 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
 190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
646.2900E	Deflector	57.6000 pcs (3.6 ea)	100-Bandsaw - 1	5068305

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	646.2900E	58	968	0

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Deflector	0.360inches $\pm$ 0.010	0.370 0.350	0.357	
2	Deflector	1.320inches $\pm$ 0.010	1.330 1.310	1.320	
3	Deflector	3.300inches $\pm$ 0.010	3.310 3.290	3.300	
4	Deflector	3.000inches $\pm$ 0.010	3.010 2.990	3.000	
5	Deflector	0.360inches $\pm$ 0.010	0.370 0.350	0.357	
6	Deflector	190.000inches $\pm$ 0.010	190.010 189.990	0.190	Radius
7	Deflector	0.090inches $\pm$ 0.010	0.100 0.080	0.090	Radius
8	Deflector	1.000inches $\pm$ 0.010	1.010 0.990	0.995	
9	Deflector	42.380inches $\pm$ 0.010	42.390 42.370	42.375	
10	Deflector	20.000Degrees $\pm$ 0.010	20.010 19.990	20°	Angle

D. J. R 19-03-11

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043283



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043283

PO Date: 4/24/19

Due Date: 5/3/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
22	190731	646.2910	Deflector : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C	Firmed	-	5/3/19	12 pcs	0 pcs	12 pcs	\$48.48/pcs	\$581.76

9x JUN 06 2019

Grand Total: \$581.76

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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RE: New QN 201459830 ---646.4001\CABLE CUTTERS KIT

SH Shannon Hadley

Thu 6/6/2019 2:01 PM

Natasha Belanger; Kimberley Guerin; Linda Lacelle; Konrad Sauve; John Chuprun

At this point please disregard the PO.

Just split the inventory container of 12 into 9 and 3. The job has already been split, Kim has the split job.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917908

Date: 29-May-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
9 ea	Part: 646.2910 Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24990 PO: POHB043283	Rev: N/C	DAS 40 9-89
		Line: 15	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>MAY 29 2019</u> Certified Signature: <u>[Signature]</u> Receiver Signature: <u>[Signature]</u> A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. RECEIVED MAY 29 2019 DART AEROSPACE LTD. Made in Canada.			